

LISTING AND STATUS OF THE CLAIMS

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1. (Original) A device for producing synthetic fiber materials, with a polymer melt feed leading to a rotating hollow reactor, whose wall can be heated and which widens conically in order to guide a film melt toward an open side that can be closed with a lid, and with ribs for dividing the melt film into fibers that grow rigid after leaving the hollow reactor, wherein the hollow reactor is vertically oriented and exhibits on its curved upper side an opening for introducing the polymer melt, while a rotating distributor plate is positioned opposite the opening, at a slight distance from the inner wall of the hollow reactor.
- 1 2. (Original) A device according to claim 1, wherein the distance between the distributor plate and the inner wall of the hollow reactor can be adjusted.
- 1 3. (Original) A device according to claim 1, wherein the distributor plate exhibits a surface that faces the opening and that rises toward the rim.
- 1 4. (Previously Presented) A device according to claim 1, wherein the distributor plate exhibits an upper side that curves in concave fashion and faces the opening.
- 1 5. (Original) A device according to claim 1, wherein a truncated cone whose outer diameter is smaller than the diameter of the distributor plate is positioned on said distributor plate.
- 1 6. (Original) A device according to claim 5, wherein the diameter of the truncated cone is on the same order of magnitude as the diameter of the opening of the feed.

- 1 7. (Original) A device according to claim 1, wherein the inner wall of the hollow
- 2 reactor is parabolic in shape.

- 1 8. (Original) A device according to claim 1, wherein the ribs on the inner wall of the
- 2 hollow reactor run vertical to the rim in the lower area.

- 1 9. (Original) A device according to claim 1, wherein the hollow reactor, together with
- 2 a surrounding container, forms a curved gap, to which a steam feed and a steam outlet
- 3 are attached.

- 1 10. (Original) A device according to claim 9, wherein the steam feed and the steam
- 2 outlet are positioned on the upper and lower rim of the hollow reactor.

- 1 11. (Original) A device according to claim 9, wherein the steam is guided through the
- 2 gap in circulating fashion.

- 1 12. (Original) A device according to claim 11, wherein the steam is conducted
- 2 through the curved gap in the same direction as the melt flowing as a film on the inner
- 3 wall of the hollow reactor.